

Table 6.3 World Net Electricity Generation by Type, 1998
(Billion Kilowatthours)

Region Country	Thermal ¹	Hydro	Nuclear	Geothermal and Other ²	Total
North America					
Canada.....	148.7	328.6	67.7	6.1	551.1
Mexico.....	134.2	24.4	8.8	5.4	172.8
United States.....	2,550.0	318.9	673.7	75.3	3,617.9
Other.....	0.8	0.0	0.0	0.0	0.8
Total.....	2,833.8	671.8	750.2	86.7	4,342.5
Central & South America					
Argentina.....	37.5	35.8	7.1	0.2	80.6
Bolivia.....	2.0	1.4	0.0	0.1	3.5
Brazil.....	15.6	288.5	3.1	9.7	316.9
Chile.....	16.6	15.0	0.0	1.1	32.7
Colombia.....	13.6	31.2	0.0	0.7	45.4
Costa Rica.....	0.4	4.7	0.0	0.5	5.6
Cuba.....	12.5	0.1	0.0	0.7	13.3
Dominican Republic.....	5.7	1.4	0.0	(s)	7.2
Ecuador.....	3.2	6.5	0.0	0.0	9.6
El Salvador.....	1.7	1.2	0.0	0.4	3.3
Guadeloupe.....	1.2	0.0	0.0	0.0	1.2
Guatemala.....	1.0	2.1	0.0	0.0	3.0
Honduras.....	1.5	1.9	0.0	0.0	3.4
Jamaica.....	5.7	0.1	0.0	0.4	6.1
Nicaragua.....	1.6	0.5	0.0	0.4	2.5
Panama.....	1.2	3.3	0.0	(s)	4.5
Paraguay.....	0.1	50.3	0.0	(s)	50.4
Peru.....	4.4	13.7	0.0	0.1	18.2
Puerto Rico.....	17.0	0.3	0.0	0.0	17.3
Suriname.....	0.5	1.5	0.0	0.0	2.0
Trinidad and Tobago.....	4.8	0.0	0.0	(s)	4.9
Uruguay.....	0.4	9.1	0.0	(s)	9.4
Venezuela.....	21.6	52.5	0.0	0.0	74.0
Virgin Islands, U.S.....	1.0	0.0	0.0	0.0	1.0
Other.....	6.8	0.4	0.0	0.0	7.2
Total.....	177.3	521.4	10.3	14.5	723.4
Western Europe					
Austria.....	17.6	36.8	0.0	1.6	56.0
Belgium.....	33.4	0.4	43.9	1.0	78.7
Bosnia and Herzegovina....	0.9	1.5	0.0	0.0	2.5
Croatia.....	5.1	5.4	0.0	(s)	10.5
Denmark.....	35.9	(s)	0.0	4.1	40.0
Finland.....	31.2	14.9	20.8	9.3	76.2
France.....	52.9	61.4	368.6	2.8	485.7
Germany.....	347.0	17.0	153.6	12.6	530.2
Greece.....	39.9	3.7	0.0	0.2	43.7
Iceland.....	(s)	5.6	0.0	0.6	6.2
Ireland.....	18.6	0.9	0.0	0.2	19.8
Italy.....	194.8	40.8	0.0	6.1	241.7
Macedonia, TFYR.....	5.4	1.1	0.0	0.0	6.5
Malta.....	1.6	0.0	0.0	0.0	1.6
Netherlands.....	81.2	0.1	3.6	4.2	89.2
Norway.....	0.7	114.2	0.0	0.3	115.2
Portugal.....	24.2	12.9	0.0	1.1	38.2
Serbia and Montenegro....	26.7	12.1	0.0	0.0	38.8
Slovenia.....	4.7	3.4	5.0	0.0	13.1
Spain.....	93.2	33.7	56.0	3.5	186.4
Sweden.....	9.4	73.6	69.9	3.2	156.1
Switzerland.....	2.3	33.1	24.5	1.1	61.1
Turkey.....	64.6	41.8	0.0	0.3	106.7
United Kingdom.....	235.3	5.2	95.1	6.2	341.9
Other.....	0.4	0.2	0.0	(s)	0.7
Total.....	1,327.1	519.8	841.0	58.6	2,746.6

See footnotes at end of table.

Table 6.3 World Net Electricity Generation by Type, 1998 (Continued)
 (Billion Kilowatthours)

Region Country	Thermal ¹	Hydro	Nuclear	Geothermal and Other ²	Total
Eastern Europe & Former U.S.S.R.					
Albania.....	0.2	4.8	0.0	0.0	5.0
Bulgaria.....	20.2	3.3	15.5	0.0	39.0
Czech Republic.....	46.6	1.4	12.5	1.0	61.5
Hungary.....	21.7	0.2	13.3	0.0	35.1
Poland.....	130.2	4.3	0.0	0.6	135.0
Romania.....	27.5	18.7	4.9	(s)	51.1
Slovakia.....	8.9	4.5	9.8	0.0	23.2
Armenia.....	2.9	1.5	1.4	0.0	5.8
Azerbaijan.....	15.1	1.9	0.0	0.0	17.0
Belarus.....	23.8	(s)	0.0	0.0	23.8
Estonia.....	8.0	(s)	0.0	(s)	8.0
Georgia.....	1.6	6.3	0.0	0.0	7.9
Kazakhstan.....	40.4	6.1	0.1	0.0	46.6
Kyrgyzstan.....	0.8	9.8	0.0	0.0	10.6
Latvia.....	1.3	4.3	0.0	0.0	5.6
Lithuania.....	3.0	0.5	12.9	0.0	16.3
Moldova.....	4.2	0.3	0.0	0.0	4.5
Russia.....	530.1	157.9	98.3	(s)	786.3
Tajikistan.....	0.3	14.0	0.0	0.0	14.3
Turkmenistan.....	8.8	(s)	0.0	0.0	8.9
Ukraine.....	76.8	15.8	70.6	0.0	163.2
Uzbekistan.....	37.7	5.7	0.0	0.0	43.4
Total.....	1,010.0	261.3	239.3	1.6	1,512.3
Middle East					
Bahrain.....	5.4	0.0	0.0	0.0	5.4
Cyprus.....	2.8	0.0	0.0	0.0	2.8
Iran.....	90.6	6.9	0.0	0.0	97.6
Iraq.....	28.0	0.6	0.0	0.0	28.6
Israel.....	35.7	(s)	0.0	0.0	35.7
Jordan.....	6.3	(s)	0.0	0.0	6.3
Kuwait.....	28.2	0.0	0.0	0.0	28.2
Lebanon.....	7.1	0.8	0.0	0.0	7.9
Oman.....	7.7	0.0	0.0	0.0	7.7
Qatar.....	7.6	0.0	0.0	0.0	7.6
Saudi Arabia.....	116.5	0.0	0.0	0.0	116.5
Syria.....	10.1	7.5	0.0	0.0	17.6
United Arab Emirates.....	31.4	0.0	0.0	0.0	31.4
Yemen.....	2.4	0.0	0.0	0.0	2.4
Total.....	379.8	15.8	0.0	0.0	395.6
Africa					
Algeria.....	21.5	0.2	0.0	0.0	21.7
Angola.....	0.5	1.4	0.0	0.0	1.9
Botswana.....	0.7	0.0	0.0	0.0	0.7
Cameroon.....	0.1	3.2	0.0	0.0	3.3
Congo (Kinshasa).....	0.1	5.5	0.0	0.0	5.6
Cote d'Ivoire (Ivory Coast).....	2.5	1.4	0.0	0.0	3.8
Egypt.....	47.1	12.1	0.0	0.0	59.2
Ethiopia.....	(s)	1.6	0.0	0.0	1.6
Ghana.....	0.7	4.3	0.0	0.0	5.0
Kenya.....	0.7	3.2	0.0	0.3	4.2
Libya.....	18.3	0.0	0.0	0.0	18.3
Morocco.....	11.6	1.7	0.0	0.0	13.4
Nigeria.....	9.5	7.0	0.0	0.0	16.5
Reunion.....	0.6	0.5	0.0	0.0	1.1
South Africa.....	176.5	1.6	13.6	0.0	191.7
Sudan.....	0.9	1.0	0.0	0.0	1.9
Tunisia.....	8.5	0.1	0.0	0.0	8.6
Zambia.....	(s)	7.8	0.0	0.0	7.8
Zimbabwe.....	4.4	1.9	0.0	0.0	6.4
Other.....	6.7	8.7	0.0	0.0	15.4
Total.....	311.0	63.1	13.6	0.3	388.0

See footnotes at end of table.

Table 6.3 World Net Electricity Generation by Type, 1998 (Continued)
(Billion Kilowatthours)

Region Country	Thermal ¹	Hydro	Nuclear	Geothermal and Other ²	Total
Far East & Oceania					
Afghanistan.....	0.2	0.3	0.0	0.0	0.5
American Samoa.....	0.1	0.0	0.0	0.0	0.1
Australia.....	167.8	15.6	0.0	3.2	186.6
Bangladesh.....	10.8	0.7	0.0	0.0	11.5
Bhutan.....	(s)	1.8	0.0	0.0	1.8
Brunei.....	2.4	0.0	0.0	0.0	2.4
Burma.....	2.9	1.4	0.0	0.0	4.4
Cambodia.....	0.1	0.1	0.0	0.0	0.2
China.....	880.2	202.9	13.5	0.0	1,096.5
Cook Islands.....	(s)	0.0	0.0	0.0	(s)
Fiji.....	0.1	0.4	0.0	0.0	0.5
French Polynesia.....	0.2	0.2	0.0	0.0	0.4
Guam.....	0.8	0.0	0.0	0.0	0.8
Hong Kong.....	29.5	0.0	0.0	0.0	29.5
India.....	337.2	75.5	10.6	1.0	424.3
Indonesia.....	58.6	10.5	0.0	3.7	72.7
Japan.....	571.3	91.6	315.7	23.8	1,002.4
Kiribati.....	(s)	0.0	0.0	0.0	(s)
Korea, North.....	10.4	19.7	0.0	0.0	30.1
Korea, South.....	132.9	4.1	85.2	(s)	222.3
Laos.....	(s)	0.9	0.0	0.0	1.0
Macau.....	1.3	0.0	0.0	0.0	1.3
Malaysia.....	52.5	4.8	0.0	0.0	57.3
Maldives.....	0.1	0.0	0.0	0.0	0.1
Mongolia.....	2.5	0.0	0.0	0.0	2.5
Nauru.....	(s)	0.0	0.0	0.0	(s)
Nepal.....	0.1	1.1	0.0	0.0	1.2
New Caledonia.....	1.2	0.4	0.0	0.0	1.6
New Zealand.....	10.0	24.1	0.0	2.9	37.0
Niue.....	(s)	0.0	0.0	0.0	(s)
Pakistan.....	37.3	21.8	0.4	0.0	59.6
Papua New Guinea.....	1.2	0.7	0.0	0.0	1.9
Philippines.....	26.0	5.0	0.0	8.5	39.4
Samoa.....	0.1	(s)	0.0	0.0	0.1
Singapore.....	26.6	0.0	0.0	0.0	26.6
Solomon Islands.....	(s)	0.0	0.0	0.0	(s)
Sri Lanka.....	1.7	3.9	0.0	0.0	5.5
Taiwan.....	91.7	9.9	35.4	0.0	137.0
Thailand.....	76.8	5.1	0.0	3.0	85.0
Tonga.....	(s)	0.0	0.0	0.0	(s)
U.S. Pacific Islands.....	0.2	(s)	0.0	0.0	0.2
Vanuatu.....	(s)	0.0	0.0	0.0	(s)
Vietnam.....	9.9	11.0	0.0	0.0	20.9
Total.....	2,544.9	513.7	460.8	46.1	3,565.4
World Total.....	8,583.9	2,566.9	2,315.3	207.9	13,673.9

¹ Thermal generation consists of electricity generated from coal, oil, and gas.

² Geothermal and Other consists of geothermal, solar, wind, and wood and waste generation.

(s)=Value less than 50 million kilowatthours.

Notes: Generation data consist of both utility and nonutility sources. Sum of components may not equal total due to independent rounding.

Sources: See sources at the end of this Section.